

Declass Review by NIMA/DOD

INSTALLATION

ZOOM MAGNIFIER

25X1

ZOOM MAGNIFIER
INSTRUCTION MANUAL

February 1967

25X1

Introduction

The [] Zoom Magnifier [] 53997793) is designed to permit rapid scanning of imagery at low power (7.5x) with the capability of zooming to high power (18x) for detailed examination of selected areas of interest.

Standard reticles [] photo Interpreters Reticles) can be attached to the base of the Magnifier to provide a measuring capability.

Operation

Operation of the Zoom Magnifier is illustrated with reference to the functional callouts in Figure 1. Change of magnification, focusing, and measuring are the primary operations.

Magnification Change - Grasp the magnification and center knurls and rotate the magnification knurl relative to the center knurl. The magnification is denoted by the index line.

Focusing - Set to highest magnification (18x). Rotate focusing knurl relative to center knurl to obtain best focus.

Measuring - A stainless steel ring is attached to the plastic housing.

It may be removed and the reticles used on the 7x and 10x [] tube magnifiers attached in its place. The part numbers of the reticles are 51-14-30 through 51-14-34.

25X1

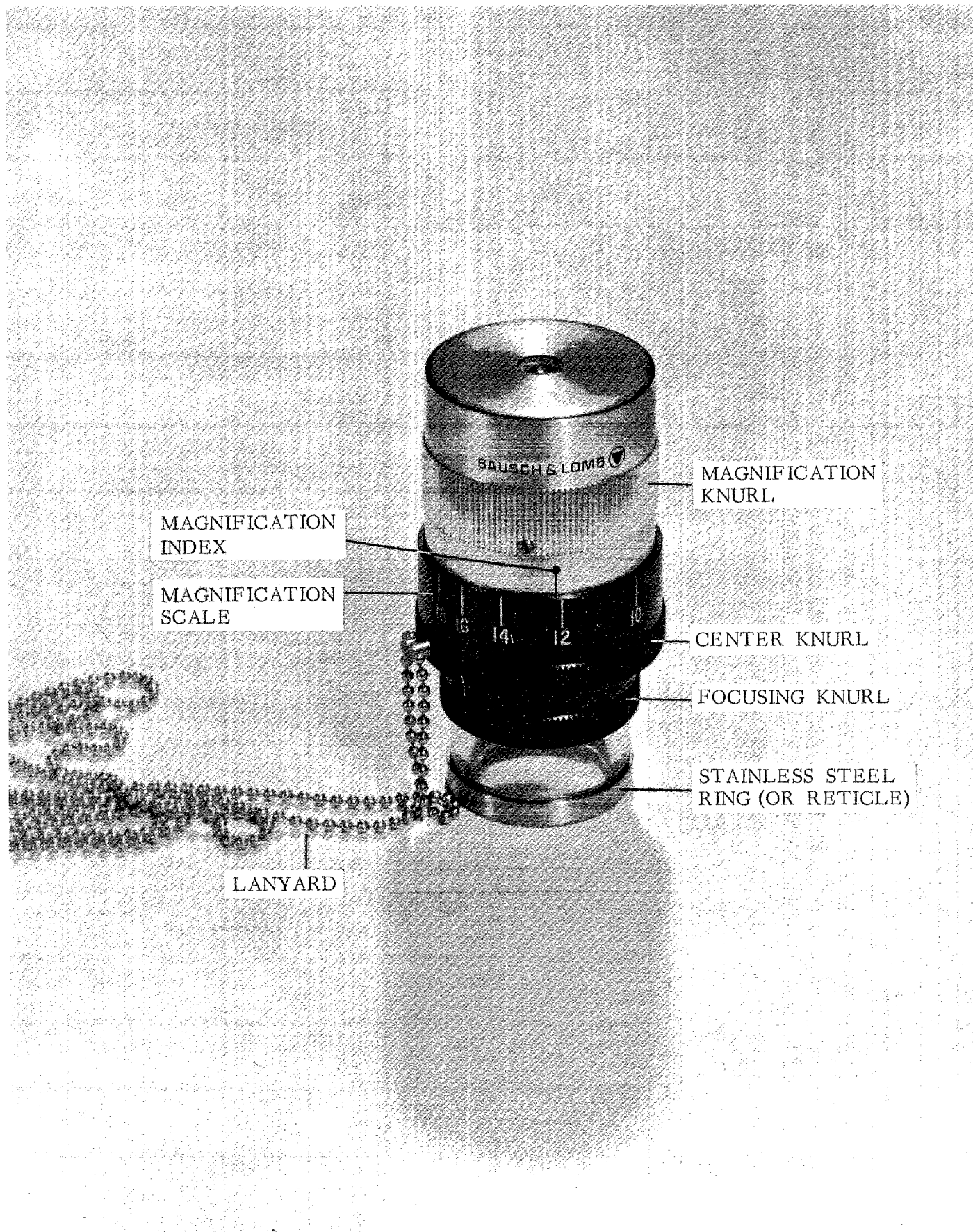


FIGURE 1 - ZOOM MAGNIFIER WITH CALL OUTS OF PRINCIPAL PARTS

CARE AND MAINTENANCE

The exposed optics may be cleaned as follows:

1. Apply lens cleaning solution to a cotton swab and wipe surface.
2. Remove the lens cleaning solution from the surface of the lens using a clean, dry, cotton swab.

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